July 19, 2010

Mr. Brett Hunter
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Suite 3628
San Ramon, California, 94583

Subject: Second Quarter 2010 Groundwater Monitoring and Sampling Report
Chevron Service Station No. 352300
State Route 274, Tekoa, Washington

Dear Mr. Hunter:

The Benham Companies LLC (Benham), a Science Applications International Corporation (SAIC) company is pleased to submit the second quarter 2010 groundwater monitoring report for activities completed at the above-referenced site. Groundwater monitoring and sampling was conducted by Gettler-Ryan, Inc. on May 17, 2010. The Gettler-Ryan Groundwater Monitoring and Sampling Report is presented as Attachment A. Benham is performing environmental services under contract to Chevron Environmental Management Company (Chevron).

SECOND QUARTER 2010 GROUNDWATER MONITORING ACTIVITIES

On May 17, 2010, the depth to groundwater was measured in Wells MW-1 through MW-7.

Groundwater Elevation, Flow Direction and Gradient

The groundwater elevation ranged from 2487.95 (MW-3) to 2492.25 (MW-6) feet above mean sea level. Groundwater flow is to the northeast at a gradient of approximately 0.02 ft/ft.

Groundwater Monitoring Well Analytical Test Results

Once the depth to groundwater was measured at the wells, the wells were purged using Low-Flow (minimal drawdown) technique as discussed in United States Environmental Protection Agency (EPA) Ground Water Issue, publication number EPA/540/S-95/504 April 1996 ("Low-Flow Minimal Drawdown Ground-Water Sampling Procedures"), followed by collection of groundwater samples from Wells MW-1 through MW-5, and MW-7. A duplicate sample was collected from MW-7 and labeled DUP. A sample was not collected from MW-6 due to an obstruction in the well casing. All samples were

collected in accordance with the sampling procedures described in Attachment A, and shipped under chain-of-custody protocol to Lancaster Laboratories, Inc. in Lancaster, Pennsylvania. Groundwater samples were submitted for the following analyses:

- Diesel- and heavy oil-range hydrocarbons by Washington State Department of Ecology (WDOE) Method NWTPH-Dx with silica gel clean-up;
- Gasoline-range hydrocarbons by WDOE Method NWTPH-Gx;
- Dissolved lead using EPA Method 6020;
- Polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270C SIM; and
- Volatile Organic Compounds (VOCs) including benzene, toluene, ethylbenzene, total xylenes (BTEX), and naphthalene using EPA Method 8260.

Table A. Second Quarter 2010 Groundwater Analytical Results

Well ID	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPHGx (µg/L)	TPHDx (µg/L)
MW-1	<0.5	<0.5	<0.5	<0.5	**120**	**310**
MW-2	<0.5	<0.5	**1**	**2**	**1,800**	**1,200**
MW-3	<0.5	<0.5	<0.5	<0.5	**140**	**130**
MW-4	<0.5	<0.5	<0.5	<0.5	<50	**57**
MW-5	<0.5	<0.5	<0.5	<0.5	<50	**220**
MW-6	**well not sampled due to obstruction in well**					
MW-7	**7**	<0.5	**25***	**11***	**4,800***	**2,300***

Note: µg/L = micrograms per liter. *Value of duplicate sample used.

Groundwater surface elevation contours, summaries of groundwater surface elevations and analytical results, groundwater monitoring and sampling procedures, a copy of the analytical report, and chain-of-custody documentation are attached in Gettler Ryan's "Groundwater Monitoring and Sampling Report Event of May 17, 2010," dated June 10, 2010.

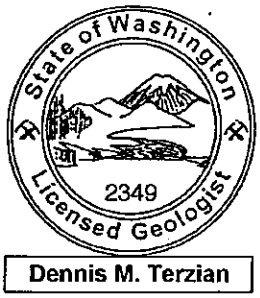
Please call Ronald Santos at (208) 429-3772 if you have any questions regarding the contents of this letter.

Sincerely,

THE BENHAM COMPANIES, LLC

Chris Wildt
Environmental Scientist

Ronald Santos
Project Manager



Dennis Terzian, LG
Sr. Project Manager

Enclosures:
Attachment A: Gettler-Ryan "Groundwater Monitoring and Sampling Report"
Attachment B: Hydrographs

cc:

Attachment A:
Gettler-Ryan: Groundwater Monitoring and Sampling Report

GETTLER-RYAN INC.

TRANSMITTAL

June 17, 2010
G-R #385853

TO: Mr. Ronald Santos
SAIC
405 South 8th Street, Suite 301
Boise, Idaho 83702

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Chevron Facility #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	June 10, 2010	Groundwater Monitoring and Sampling Report **Event of May 17, 2010**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Mr. Brett Hunter, Chevron EMC, 6111 Bollinger Canyon Rd., Room 3628, San Ramon, CA 94583

☑ Current Site Check List included.

Enclosure
trans/352300-BH

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #352300**	Date: 5-17-10
Address:	**State Route 274**	
City/St.:	**Tekoa,WA**	
Status of Site:	VACANT LOT	

DRUMS: Please list below ALL DRUMS @ site: i.e., drum description, condition, labeling, contents, location of drum:

#	Description	Condition	Labeling	Contents	Location
	NO				
	DRUMS				

WELLS: Please check the condition of ALL WELLS @ site: i.e., well box condition, well plug, well lock, etc.:

Well ID	Well Box	Bolts	Well Plug	Well Lock	Other
MW-1	OK	OK	OK	OK	
MW-2	↓	↓	↓	↓	
MW-3					
MW-4					
MW-5	↓	↓	↓	↓	
MW-6	OBSTRUCTED AT 4.00 FT.	OK →		→	
MW-7	OK →			→	

Additional Comments/Observations:

GETTLER-RYAN INC.

June 10, 2010
Job #385853

Mr. Brett Hunter
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3628
San Ramon, CA 94583

RE: Event of May 17, 2010
Groundwater Monitoring & Sampling Report
Chevron Facility #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

Dear Mr. Hunter:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the wells. Static water level data and groundwater elevations are presented in Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. Purge water was treated by filtering the water through granular activated carbon and was subsequently discharged. The chain of custody document and laboratory analytical reports are attached.

Please call if you have any questions or comments regarding this report. Thank you.

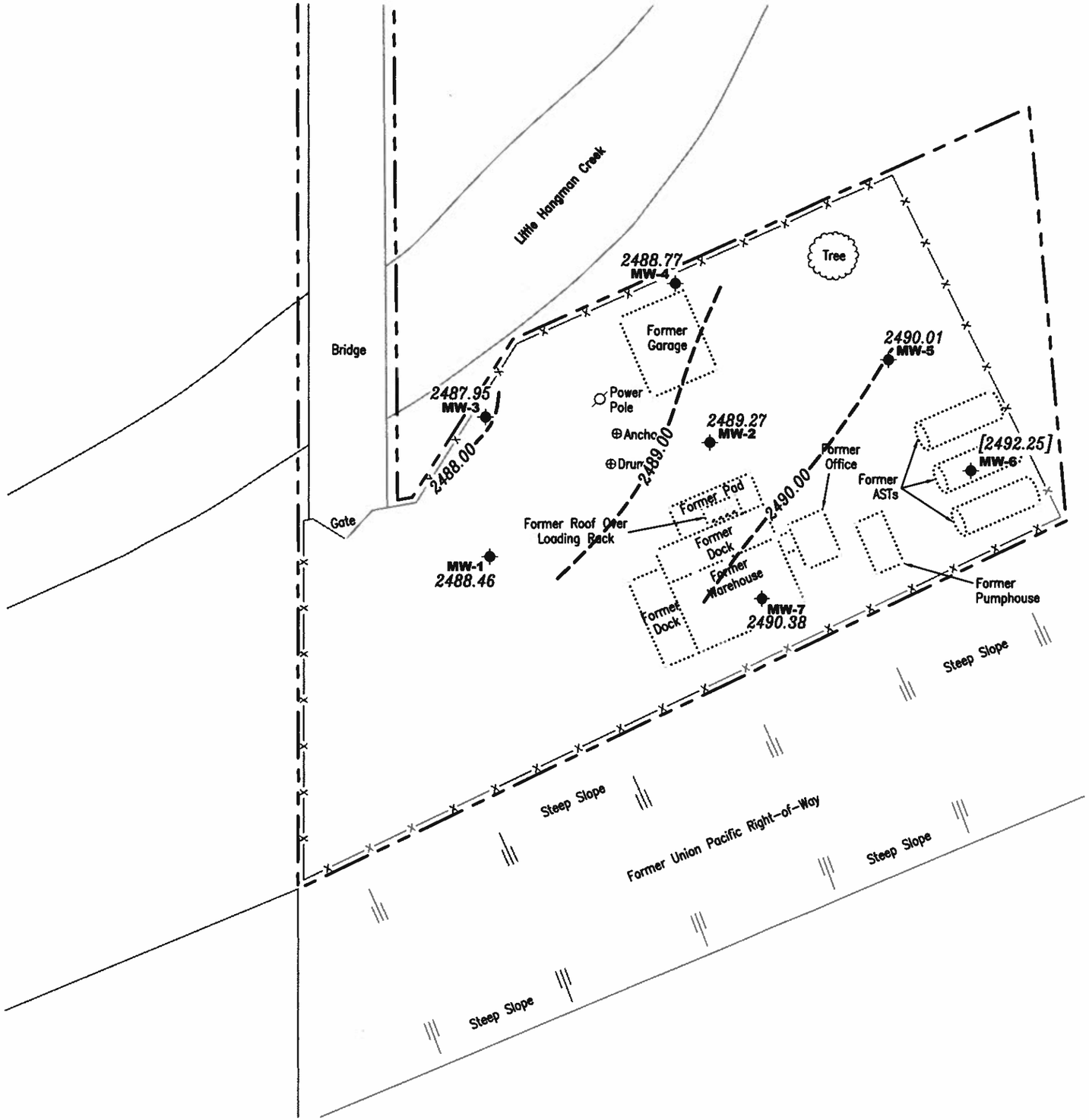
Sincerely,

Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, L.G. No. 2660

State of Washington
2660
Licensed Geologist
Douglas J. Lee

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - PAH
Table 3: Groundwater Analytical Results - VOC
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



EXPLANATION

- ✦ Groundwater monitoring well
- *99.99* Groundwater elevation in feet referenced to Mean Sea Level
- --99.99-- Groundwater elevation contour, dashed where inferred
- *[99.99]* Not used in contouring

Approximate groundwater flow direction at o gradient of 0.02 Ft./Ft.

N

0 40

Scale in Feet

Source: Figure modified from drawing provided by ENSR, Site Plan, Figure 2, Dated: 11/13/08.

FIGURE 1

POTENTIOMETRIC MAP
Chevron Facility #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

DATE May 17, 2010

REVISED DATE

GETTLER-RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568
(925) 551-7555

PROJECT NUMBER 385853

REVIEWED BY

DATE May 17, 2010

FILE NAME: P:\Enviro\Chevron\352300\Q10-352300.dwg | Layout Tab: Pot2

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE		TOC* (ft)	DTW (ft)	GWE (ft)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	D. LEAD (µg/L)	T. LEAD (µg/L)
MW-1														
11/10/08	LFP	2494.59	6.13	2488.46	170	<73	140[1]	0.6[1]	<0.5	<0.5	<1.0	<0.5	<0.050	2.8
02/09/09	LFP	2494.59	3.24	2491.35	47[1]	<66	82[1]	<0.5	<0.5	<0.5	<1.0	<0.5	<0.050	0.36[1]
03/08/10	LFP	2494.59	4.41	2490.18	87	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	57.4
05/17/10	**LFP**	**2494.59**	**6.13**	**2488.46**	**310**	**130**	**120**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.052**	**181**
MW-2														
11/10/08	LFP	2495.26	6.74	2488.52	2,500	420	2,400	0.9[1]	<0.5	2[1]	4.8[1]	<0.5	--[2]	--[2]
02/09/09		2495.26	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	LFP	2495.26	5.67	2489.59	880	<71	1,000	<0.5	<0.5	0.6	0.7	<0.5	<0.050	9.5
05/17/10	**LFP**	**2495.26**	**5.99**	**2489.27**	**1,200**	**92**	**1,800**	**<0.5**	**<0.5**	**1**	**2**	**<0.5**	**<0.050**	--[2]
MW-3														
11/10/08	LFP	2493.95	6.40	2487.55	400	100[1]	170[1]	<0.5	<0.7	<0.8	<1.6	<0.5	<0.050	54.2
02/09/09		2493.95	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10		2493.95	3.48	2490.47	NOT SAMPLED DUE TO OBSTRUCTION IN WELL				--	--	--	--	--	--
05/17/10	**LFP**	**2493.95**	**6.00**	**2487.95**	**130**	**<70**	**140**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.050**	**46.4**
MW-4														
11/10/08	LFP	2494.10	6.53	2487.57	360	77[1]	230[1]	1[1]	<0.5	<0.5	<1.0	<0.5	<0.050	57.7
02/09/09		2494.10	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	LFP	2494.10	4.99	2489.11	830	<68	2,700	3	<0.5	14	16	<0.5	0.14	53.0
05/17/10	**LFP**	**2494.10**	**5.33**	**2488.77**	**57**	**<73**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.050**	**21.0**
MW-5														
11/10/08	LFP	2495.16	6.63	2488.53	1,700	1,600	240[1]	0.6[1]	<0.5	<0.5	<1.0	<0.5	--[2]	--[2]
02/09/09	LFP	2495.16	0.92	2494.24	180	230[1]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	0.093[1]	1.6
03/08/10	LFP	2495.16	5.87	2489.29	450	<700[3]	71	<0.5	<0.5	<0.5	<0.5	<0.5	0.074	194
05/17/10	**LFP**	**2495.16**	**5.15**	**2490.01**	**220**	**470**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.050**	**63.4**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

WELL ID/ DATE		TOC* (ft)	DTW (ft)	GWE (ft)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	D. LEAD (µg/L)	T. LEAD (µg/L)
MW-6														
11/10/08	LFP	2496.04	5.66	2490.38	570	140[1]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--[2]	649
02/09/09		2496.04	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	LFP	2496.04	5.74	2490.30	58	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	39.3
05/17/10		**2496.04**	**3.79**	**2492.25**	**NOT SAMPLED DUE TO OBSTRUCTION IN WELL**			--	--	--	--	--	--	--
MW-7														
11/10/08	LFP	2495.66	5.12	2490.54	2,500	400	4,400	2[1]	2[1]	25	49	<0.5	0.063[1]	95.2
02/09/09		2495.66	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	LFP	2495.66	4.77	2490.89	56	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.059	18.1
03/08/10	LFP (D)	2495.66	--	--	110	110	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	21.9
05/17/10	**LFP**	**2495.66**	**5.28**	**2490.38**	**1,600**	**230**	**3,400**	**7**	**<0.5**	**23**	**10**	**<0.5**	**<0.050**	**85.6**
05/17/10	**LFP (D)**	**2495.66**	--	--	**2,300**	**370**	**4,800**	**7**	**<0.5**	**25**	**11**	**<0.5**	**<0.050**	**95.9**
TRIP BLANK														
QA														
11/10/08		--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/09/09		--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/08/10		--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/17/10		--	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	--	--

Constituent:	TPH-DRO	TPH-HRO	TPH-GRO	B	T	E	X	MTBE	D. LEAD	T. LEAD
Standard Laboratory Reporting Limits:	--	--	--	0.5	0.5	0.5	0.5	0.5	0.050	0.050
MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000	20	--	15
Current Method:	NWTPH-Dx Extended		NWTPH-Gx	EPA Method 8260					EPA 6020	EPA 6020

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
HRO = Heavy Range Organics

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
D. LEAD = Dissolved Lead
T. LEAD = Total Lead
(µg/L) = Micrograms per liter

-- = Not Measured/Not Analyzed
LFP = Low Flow Purge
QA = Quality Assurance/Trip Blank
(D) = Duplicate
MTCA = Model Toxics Control Act Cleanup Regulations
[WAC 173-340-720(2)(a)(I), as amended 02/01]

ANALYTICAL METHODS:

TPH-DRO and TPH-HRO w/silica gel by ECY 97-602 NWTPH-Dx modified
TPH-GRO by ECY 97-602 NWTPH-Gx modified
BTEX and MTBE by EPA Method 8260.
Total Lead and Dissolved Lead by SW-846-6020

* TOC elevations were provided on August 14, 2008, by Statewide Land Surveying Inc. Vertical Datum is NAVD88.

1 Laboratory report indicates estimated value.

2 Not sampled due to insufficient water.

3 Laboratory report indicates due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

Table 2

Groundwater Analytical Results - PAH

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo (a) Anthracene (µg/L)	Benzo (e) Pyrene (µg/L)	Benzo (b) Fluoranthene (µg/L)	Benzo (g,h,i) Perylene (µg/L)	Benzo (k) Fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) Anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno (1,2,3-cd) Pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
MW-1																
11/10/08[2]	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.12[3]	<0.011	<0.011
02/09/09	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
03/08/10	<0.0099	0.12	0.14	0.18	0.32	0.51	0.33	0.22	0.23	0.084	0.42	<0.0099	0.34	0.028	0.29	0.33
05/17/10	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**0.20**	**<0.050**	**<0.050**
MW-2																
11/10/08[2]	0.041[1]	<0.011	0.049[1]	<0.011	<0.011	<0.011	<0.011	<0.011	0.013[1]	<0.011	0.020[1]	0.058	<0.011	12	0.018[1]	0.016[1]
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.11	<0.10	10	<0.10	<0.10
05/17/10[5]	**<0.050**	**<0.050**	**0.12**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**0.059**	**<0.050**	**8.5**	**<0.050**	**<0.050**
MW-3																
11/10/08[2]	0.013[1]	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.17[3]	0.014[1]	<0.011
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[6]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/10[5]	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**
MW-4																
11/10/08[2]	<0.011	<0.011	0.016[1]	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.089	0.017[1]	<0.011
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	0.13	<0.025[4]	0.035	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	0.015	0.23	<0.0095	4.5	0.079	0.012
05/17/10[5]	**<0.0099**	**<0.0099**	**0.018**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**<0.0099**	**0.036**	**<0.0099**	**<0.0099**

Table 2

Groundwater Analytical Results - PAH

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE		Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo (a) Anthracene (µg/L)	Benzo (a) Pyrene (µg/L)	Benzo (b) Fluoranthene (µg/L)	Benzo (g,h,i) Perylene (µg/L)	Benzo (k) Fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) Anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno (1,2,3-cd) Pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
MW-5																	
11/10/08[2]		0.044[1]	0.31	0.29	0.63	1.2	2.0	0.64	0.62	0.92	0.20	1.5	0.064	0.67	0.29	0.98	1.2
02/09/09		<0.010	0.013[1]	0.037[1]	0.011[1]	0.014[1]	0.018[1]	0.021[1]	0.014[1]	0.013[1]	<0.010	0.024[1]	<0.010	0.017[1]	<0.010	0.020[1]	0.017[1]
03/08/10[5]		<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	0.025	<0.0095	<0.0095
05/17/10		**0.017**	**0.44**	**0.32**	**0.55**	**1.1**	**1.6**	**0.97**	**0.77**	**0.87**	**0.24**	**1.6**	**0.035**	**0.91**	**0.090**	**0.80**	**0.93**
MW-6																	
11/10/08[2]		<0.011	0.055	0.029[1]	0.044[1]	0.12	0.13	0.090	0.057	0.079	0.020[1]	0.21	0.020[1]	0.076	0.12	0.15	0.20
02/09/09		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[5]		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.25	<0.10	<0.10
05/17/10		**OBSTRUCTION IN WELL**			--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7																	
11/10/08		0.18	<0.040[4]	0.041[1]	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010[1]	0.33	<0.010	6.7	0.057	0.014[1]
02/09/09		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10		<0.0095	<0.0095	0.015	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	0.042	<0.0095	<0.0095
03/08/10	(D)	<0.0095	<0.0095	0.015	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	0.063	<0.0095	<0.0095
05/17/10[5]		**0.21**	**<0.060[4]**	**<0.050**	<0.050	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**<0.050**	**0.62**	**<0.050**	**3.1**	**0.12**	**<0.050**
05/17/10	**(D)**	**INSUFFICENT WATER TO SAMPLE**			--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Analytical Results - PAH

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

EXPLANATIONS

(µg/L) = Micrograms per liter

PAHs = Polynuclear Aromatic Hydrocarbons

(D) = Duplicate

ANALYTICAL METHODS:

PAHs by EPA Method 8270C

[1] Laboratory report indicates estimated value.

[2] Laboratory report indicates due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.

[3] Laboratory report indicates due to the presence of an interferent near the retention time of naphthalene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of naphthalene.

[4] Laboratory report indicates due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

[5] Laboratory report indicates due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

[6] Obstruction in well.

Table 3

Groundwater Monitoring Data and Analytical Results - VOC

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE	Bromodichloromethane (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Chloroform (µg/L)	1,1-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
MW-1																	
11/10/08[1]	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
02/09/09	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
03/08/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
05/17/10	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**
MW-2																	
11/10/08	<1	2[2]	7	<1	<0.8	<0.8	<0.8	<0.8	17	10	16	22	<0.8	<0.8	<1	130	39
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	<1	1	5	<1	<0.8	<0.8	<0.8	<0.8	8	3	4	10	<0.8	<0.8	<1	27	<1
05/17/10	**<1**	**2**	**9**	**1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**16**	**7**	**7**	**21**	**<0.8**	**<0.8**	**<1**	**69**	**21**
MW-3																	
11/10/08[3]	<1	<1	1[2]	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[7]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/17/10	**<1**	**<1**	**2**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**
MW-4																	
11/10/08	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	<1	2	10	<1	<0.8	<0.8	<0.8	<0.8	22	5	4	24	<0.8	<0.8	<1	69	10
05/17/10	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**

Table 3

Groundwater Monitoring Data and Analytical Results - VOC

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE		Bromodichloromethane (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Chloroform (µg/L)	1,1-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
MW-5																		
11/10/08		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
02/09/09		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
03/08/10[5]		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
05/17/10		**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**
MW-6																		
11/10/08		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
02/09/09		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[6]		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
05/17/10		**OBSTRUCTION IN WELL**			–	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-7																		
11/10/08[4]		<1	5	11	1[2]	<0.8	<0.8	<0.8	<0.8	29	13	12	38	<0.8	<0.8	<1	150	59
02/09/09		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
03/08/10	(D)	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
05/17/10[8]		**<1**	**3**	**12**	**1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**29**	**9**	**2**	**38**	**<0.8**	**<0.8**	**<1**	**42**	**3**
05/17/10[8]	**(D)**	**<1**	**3**	**13**	**1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**30**	**10**	**2**	**39**	**<0.8**	**<0.8**	**<1**	**44**	**3**

Table 3

Groundwater Monitoring Data and Analytical Results - VOC

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

EXPLANATIONS

(µg/L) = Micrograms per liter

VOC = Volatile Organic Compounds

(D) = Duplicate

♦ **All other VOCs by EPA Method 8260B were less than the reporting limit unless noted.**

1 Laboratory report indicates Carbon Disulfide was detected at 1 µg/L (estimated value).

2 Laboratory report indicates estimated value.

3 Laboratory report indicates Carbon Disulfide was detected at 2 µg/L (estimated value).

4 Laboratory report indicates 1,2 - Dichloroethane was detected at 4 µg/L and Acetone was detected at 23 µg/L.

5 Laboratory report indicates Carbon Disulfide was detected at 2 µg/L.

6 Laboratory report indicates Carbon Disulfide was detected at 1 µg/L.

7 Obstruction in well.

8 Laboratory report indicates 2-Chlorotoluene was detected at 1 µg/L and 1,2 Dichloroethane was detected at 3 µg/L.

ANALYTICAL METHODS:

VOCs by EPA Method 8260B

Standard Operating Procedure, Low-Flow Purging and Sampling

Gettler-Ryan Inc. field personnel adhere to the following Standard Operating Procedure (SOP) for the collection and handling of representative groundwater samples using the Low-Flow (Minimal-Drawdown) Purging technique. This SOP incorporates purging and sampling methods discussed in U.S. EPA, Ground Water Issue, Publication Number EPA/540/S-95/504, April 1996 by Puls, R.W. and M.J. Barcelona - *"Low-Flow (Minimal-Drawdown) Ground-Water Sampling Procedures."*

A QED Well Wizard™ (or equivalent) bladder pump or Peristaltic Pump will be used to purge and sample selected wells as outlined in the scope-of-work. An in-line flow cell or other multi-parameter meter is used to collect water quality indicating parameters during purging.

Initial Pump Discharge Test Procedures

In each well, the Static Water Level (SWL) is measured prior to the installation of the pump or tubing in the well. In addition, the presence or absence of separate-phase hydrocarbons (SPH) is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot. The SWL measurement and SPH thickness, if any, will be recorded on the field data sheet.

The bladder pump or suction inlet tubing of the peristaltic pump is then positioned with its inlet located within the screened interval of the well. After pump installation, the SWL is allowed to recover to its original level. The pump is then started at a discharge rate between 100 ml to 300 ml per minute without the in-line flow cell connected. The water level is monitored continuously for any change from the original measurement and the discharge rate is adjusted until an optimum discharge rate (ODR) is determined. The goal for the ODR is to produce a stable drawdown of less than 0.1 meter; however the total drawdown from the initial SWL should not exceed 25% of the distance between pump inlet location and the top of the well screen. If the in-line flow cell is to be used, purging is discontinued once the ODR is determined, and the inline flow cell is connected. Purging is then resumed and the ODR is adjusted to allow for the back pressure of the in-line flow cell.

Purging and Water Quality Parameter Measurement

Prior to sampling the well, the SWL will be re-measured and documented and purging will be re-initiated using the ODR. The discharge rate will be confirmed by volumetric discharge measurement and the ODR adjusted as necessary. When the ODR has been re-established, the SWL drawdown has stabilized within the acceptable range and at least one pump system volume (bladder volume and/or discharge tubing volume) has been purged, field measurements for temperature (T), pH, conductivity (Ec), and if required, oxygen reduction potential (ORP) and dissolved oxygen (DO) will be collected and documented on the field data sheet. Measurements should be taken every three to five minutes until parameters stabilize for three consecutive readings. The minimum parameter subset of T (± 10%), pH (± 0.1 unit), and Ec (± 10 uS) are required to stabilize. Additional parameters that may be required are DO (± 0.2 mg/l) and ORP (± 20 mV).

Sample Collection

When water quality parameters have stabilized, and there is no change in the SWL drawdown, groundwater sample collection may begin. Water samples are collected from the discharge tubing into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to

the laboratory. A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-1 Date Monitored: 5-17-10
Well Diameter 2 in.
Total Depth 8.95 ft.
Depth to Water 6.13 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

— xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump X
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Peristaltic Pump X
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1000 Weather Conditions: SUNNY
Sample Time/Date: 1030 5-17-10 Water Color: Clear Odor: Y / N
Approx. Flow Rate: 200 ml/min. Sediment Description: None
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 6.16

Time (2400 hr.)	Volume (mL)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1015	3	7.11	561	13.1			6.15
1018	3.6	7.07	506	13.1			6.15
1021	4.2	7.04	509	13.1			6.16

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: MC

Well ID MW-2 Date Monitored: 5-17-10
Well Diameter 2 in.
Total Depth 8.49 ft.
Depth to Water 5.99 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

____ xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ____

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump X
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Peristaltic Pump X
QED Bladder Pump
Other:

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description: ____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ gal
Amt Removed from Well: ____ gal
Water Removed: ____
Product Transferred to: ____

Start Time (purge): 1340 Weather Conditions: Sunny
Sample Time/Date: 1520 / 5-17-10 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 200 ml gpm. Sediment Description: light
Did well de-water? YES If yes, Time: 1355 Volume: 3 L DTW @ Sampling: 6.30

Time (2400 hr.)	Volume (mL)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1350	2	6.72	492	12.1			7.89
1353	2.6	6.72	495	12.1			8.21

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	1 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	~~x 500ml poly~~	~~YES~~	~~HNO3~~	~~LANCASTER~~	~~TOTAL LEAD (ICP/MS 6020)~~
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: WELL DEWATERED, RETURNED LATER TO SAMPLE. ONLY ABLE TO COLLECT 1 Liter AMBER EACH FOR NWTPH-D and PAH'S. COULD NOT COLLECT 500ml Poly FOR TOTAL LEAD DUE TO WELL DEWATERING.

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-3 Date Monitored: 5-17-10
Well Diameter 2 in.
Total Depth 9.67 ft.
Depth to Water 6.00 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

~ xVF ~ = ~ x3 case volume = Estimated Purge Volume: ~ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ~

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump X
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Peristaltic Pump X
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1155
Sample Time/Date: 1225 5-17-10
Approx. Flow Rate: 200ml/ gpm.
Did well de-water? NO If yes, Time: Volume: gal.

Weather Conditions: SUNNY
Water Color: cloudy Odor: Y / N
Sediment Description: light
DTW @ Sampling: 6.42

Time (2400 hr.)	Volume (~~gal~~ L)	pH	Conductivity (µmhos/cm ~~µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1210	3	6.38	605	12.9			6.36
1213	3.6	6.42	611	13.0			6.40
1216	4.2	6.43	610	13.0			6.42

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: MC

Well ID MW-4 Date Monitored: 5-17-10
Well Diameter 2 in.
Total Depth 10.30 ft.
Depth to Water 5.33 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

____ xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ____

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump X
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Peristaltic Pump X
QED Bladder Pump
Other:

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description: ____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ gal
Amt Removed from Well: ____ gal
Water Removed: ____
Product Transferred to: ____

Start Time (purge): 1750 Weather Conditions: SUNNY
Sample Time/Date: 1320 / 5-17-10 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 200 ml/min. Sediment Description: light
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 5.65

Time (2400 hr.)	Volume (~~gal~~ L)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1305	3	6.48	760	11.8			5.62
1308	3.6	6.54	763	11.8			5.64
1311	4.2	6.55	764	11.8			5.65

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: ____

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-5 Date Monitored: 5-17-10
Well Diameter 2 in.
Total Depth 9.22 ft.
Depth to Water 5.15 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

____ xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ____

Purge Equipment:
Disposable Bailer ____
Stainless Steel Bailer ____
Stack Pump ____
Suction Pump ____
Grundfos ____
Peristaltic Pump X
QED Bladder Pump ____
Other: ____

Sampling Equipment:
Disposable Bailer ____
Pressure Bailer ____
Discrete Bailer ____
Peristaltic Pump X
QED Bladder Pump ____
Other: ____

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description: ____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ gal
Amt Removed from Well: ____ gal
Water Removed: ____
Product Transferred to: ____

Start Time (purge): 1105 Weather Conditions: Sunny
Sample Time/Date: 1135 / 5-17-10 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: 200 ml/ min. Sediment Description: Light
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 5.28

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1120	3	6.68	646	16.3			5.26
1123	3.6	6.74	650	16.3			5.28
1126	4.2	6.75	651	16.3			5.28

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: ____

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-6 Date Monitored: 5-17-10
Well Diameter 2 in.
Total Depth 9.75 ft.
Depth to Water 3.79 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

— xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:
- Disposable Bailer
- Stainless Steel Bailer
- Stack Pump
- Suction Pump
- Grundfos
- Peristaltic Pump
- QED Bladder Pump
- Other:

Sampling Equipment:
- Disposable Bailer
- Pressure Bailer
- Discrete Bailer
- Peristaltic Pump
- QED Bladder Pump
- Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): Weather Conditions:
Sample Time/Date: / Water Color: Odor: Y / N
Approx. Flow Rate: gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal. DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: UNABLE TO SAMPLE - OBSTRUCTED AT ~ 4.00 FEET.

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 5-17-10 (inclusive)
City: Tekoa,WA Sampler: MK

Well ID MW-7 Date Monitored: 5.17-10
Well Diameter 2 in.
Total Depth 10.15 ft.
Depth to Water 5.28 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

— xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump X
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Peristaltic Pump X
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1420 Weather Conditions: Sunny
Sample Time/Date: 1450 5-17-10 Water Color: Cloudy Odor (Y) / N medium
Approx. Flow Rate: 200ml gpm. Sediment Description: light
Did well de-water? no If yes, Time: Volume: gal. DTW @ Sampling: 6.27

Time (2400 hr.)	Volume ~~mL~~ L	pH	Conductivity (µmhos/cm ~~µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1435	3	6.96	516	13.1			6.01
1438	3.6	7.01	521	13.1			6.16
1441	4.2	7.05	520	13.2			6.27

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: DUPLICATE SAMPLE COLLECTED FROM THIS WELL LABELED "DUP". COULD NOT COLLECT 2 (1) LITER AMBERS TO ANALYZE DUP FOR PAH'S DUE TO WELL DEWATERING

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11260 Sample #: 5983951-65 SCR#:
Group# 1195162

Facility #: SS#352300-OML G-R#385853
Site Address: State Route 274, TEKOA, WA
Chevron PM: BH Lead Consultant: SAICRS
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: Mike Lombard
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes: H (BTEX), H (NWTPH G), H (NWTPH D), H (VOC's), O (PAHs), N (Total Lead)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + ☐ 8021 ☐ 8260 ☒ Naphth	8260 full scan	Oxygenates	NW TPH G	NW TPH D ☐ Extended Rng. ☒ Silica Gel Cleanup	Lead Total ☐ Diss. ☒ Method 6020	VPH/EPH	NWTPH H HCID ☐ quantification	VOC's (8260)	PAHs (8270 SIM)	Total LEAD (6020)
QA	5-17-10		X			X		2	X			X							
MW-1	↓	1030	X			X		12				X	X	X			X	X	X
MW-2	↓	1520	X			X		9				X	X	X			X	X	
MW-3	↓	1225	X			X		12				X	X	X			X	X	X
MW-4	↓	1320	X			X		12				X	X	X			X	X	X
MW-5	↓	1135	X			X		12				X	X	X			X	X	X
MW-7	↓	1450	X			X		12				X	X	X			X	X	X
DUP	↓		X			X		10				X	X	X			X		X

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ___ oxy's on highest hit
☐ Run ___ oxy's on all hits

Comments / Remarks
"DISSOLVED LEAD SAMPLES TO BE LAB FILTERED PRIOR TO PRESERVING WITH HNO3."
ONLY ABLE TO COLLECT ONE 1L AMBER FOR TPH-D & PAH'S FOR MW-2 DUE TO WELL DEWATER

Turnaround Time Requested (TAT) (please circle)
(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) EDF/EDD
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ________ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-18-10	0800			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS (FedEx) Other ________			Received by: [signature]	5/19/10	0850

Temperature Upon Receipt ________ C°
Custody Seals Intact? (Yes) No

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

SAIC c/o Gettler-Ryan
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

June 04, 2010

Project: 352300

Submittal Date: 05/19/2010
Group Number: 1195162
PO Number: 0015061824
Release Number: HUNTER
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
QA Water Sample	5983951
MW-1 Grab Water Sample	5983952
MW-1 Filtered Grab Water Sample	5983953
MW-2 Grab Water Sample	5983954
MW-2 Filtered Grab Water Sample	5983955
MW-3 Grab Water Sample	5983956
MW-3 Filtered Grab Water Sample	5983957
MW-4 Grab Water Sample	5983958
MW-4 Filtered Grab Water Sample	5983959
MW-5 Grab Water Sample	5983960
MW-5 Filtered Grab Water Sample	5983961
MW-7 Grab Water Sample	5983962
MW-7 Filtered Grab Water Sample	5983963
DUP Grab Water Sample	5983964
DUP Filtered Grab Water Sample	5983965

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO SAIC c/o Gettler-Ryan Attn: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Matthew E. Barton
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: QA Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983951
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F101393AA	05/19/2010 22:29	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F101393AA	05/19/2010 22:29	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 18:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 18:50	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983952
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 10:30 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1

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Analysis Report

Sample Description: MW-1 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983952
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 10:30 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		ug/l	ug/l	
08357	Acenaphthene	83-32-9	N.D.	0.050	1
08357	Acenaphthylene	208-96-8	N.D.	0.050	1
08357	Anthracene	120-12-7	N.D.	0.050	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.050	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.050	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.050	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.050	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.050	1
08357	Chrysene	218-01-9	N.D.	0.050	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.050	1
08357	Fluoranthene	206-44-0	N.D.	0.050	1
08357	Fluorene	86-73-7	N.D.	0.050	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.050	1
08357	Naphthalene	91-20-3	0.20	0.050	1
08357	Phenanthrene	85-01-8	N.D.	0.050	1
08357	Pyrene	129-00-0	N.D.	0.050	1
	Surrogate recoveries are outside of QC limits for the initial GC/MS semivolatile analysis. The analysis was repeated outside of the required hold time and the surrogate recoveries are within the limits. The data reported is from the initial extraction of the sample.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	120	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	310	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	130	71	1

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Analysis Report

Sample Description: MW-1 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983952
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 10:30 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	181	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 14:45	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 14:45	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10140WAA026	05/27/2010 16:01	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10140WAA026	05/20/2010 13:30	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 20:17	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 20:17	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/26/2010 22:05	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:18	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-1 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983953
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 10:30 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	0.052	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:20	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-2 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983954
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 15:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	2	1	1
10903	sec-Butylbenzene	135-98-8	9	1	1
10903	tert-Butylbenzene	98-06-6	1	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	1	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	16	1	1
10903	p-Isopropyltoluene	99-87-6	7	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	7	1	1
10903	n-Propylbenzene	103-65-1	21	1	1
10903	Styrene	100-42-5	N.D.	1	1

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Analysis Report

Sample Description: MW-2 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983954
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 15:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Tricblorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	69	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	21	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	2	0.5	1
10903	o-Xylene	95-47-6	0.6	0.5	1
10903	Xylene (Total)	1330-20-7	2	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		ug/l	ug/l	
08357	Acenaphthene	83-32-9	N.D.	0.050	1
08357	Acenaphthylene	208-96-8	N.D.	0.050	1
08357	Anthracene	120-12-7	0.12	0.050	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.050	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.050	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.050	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.050	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.050	1
08357	Chrysene	218-01-9	N.D.	0.050	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.050	1
08357	Fluoranthene	206-44-0	N.D.	0.050	1
08357	Fluorene	86-73-7	0.059	0.050	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.050	1
08357	Naphthalene	91-20-3	8.5	0.050	1
08357	Phenanthrene	85-01-8	N.D.	0.050	1
08357	Pyrene	129-00-0	N.D.	0.050	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	1,800	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	1,200	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	92	67	1

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Analysis Report

Sample Description: MW-2 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983954
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 15:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM2

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Data and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 15:39	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 15:39	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10140WAA026	05/27/2010 16:31	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10140WAA026	05/20/2010 13:30	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 20:39	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 20:39	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/26/2010 22:25	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1

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Analysis Report

Sample Description: MW-2 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983955
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 15:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:22	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-3 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983956
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 12:25 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	2	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1

Sample Description: MW-3 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983956
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 12:25 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	N.D.	0.050	1
08357	Acenaphthylene	208-96-8	N.D.	0.050	1
08357	Anthracene	120-12-7	N.D.	0.050	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.050	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.050	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.050	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.050	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.050	1
08357	Chrysene	218-01-9	N.D.	0.050	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.050	1
08357	Fluoranthene	206-44-0	N.D.	0.050	1
08357	Fluorene	86-73-7	N.D.	0.050	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.050	1
08357	Naphthalene	91-20-3	N.D.	0.050	1
08357	Phenanthrene	85-01-8	N.D.	0.050	1
08357	Pyrene	129-00-0	N.D.	0.050	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	140	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	130	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	46.4	0.050	1

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Analysis Report

Sample Description: MW-3 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983956
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 12:25 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 16:02	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 16:02	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10140WAA026	05/27/2010 17:02	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10140WAA026	05/20/2010 13:30	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 21:01	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 21:01	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/26/2010 22:45	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:24	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-3 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983957
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 12:25 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:25	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-4 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983958
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 13:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Metbyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1

Sample Description: MW-4 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983958
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 13:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		ug/l	ug/l	
08357	Acenaphthene	83-32-9	N.D.	0.0099	1
08357	Acenaphthylene	208-96-8	N.D.	0.0099	1
08357	Anthracene	120-12-7	0.018	0.0099	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0099	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0099	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0099	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0099	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0099	1
08357	Chrysene	218-01-9	N.D.	0.0099	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0099	1
08357	Fluoranthene	206-44-0	N.D.	0.0099	1
08357	Fluorene	86-73-7	N.D.	0.0099	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0099	1
08357	Naphthalene	91-20-3	0.036	0.0099	1
08357	Phenanthrene	85-01-8	N.D.	0.0099	1
08357	Pyrene	129-00-0	N.D.	0.0099	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	57	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	73	1
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	21.0	0.050	1

Sample Description: MW-4 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983958
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 13:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 16:26	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 16:26	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10140WAA026	05/27/2010 17:33	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10140WAA026	05/20/2010 13:30	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 21:22	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 21:22	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/26/2010 23:05	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:27	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-4 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983959
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 13:20 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:32	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-5 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983960
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 11:35 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1

Sample Description: MW-5 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983960
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 11:35 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	0.017	0.010	1
08357	Acenaphthylene	208-96-8	0.44	0.010	1
08357	Anthracene	120-12-7	0.32	0.010	1
08357	Benzo(a)anthracene	56-55-3	0.55	0.010	1
08357	Benzo(a)pyrene	50-32-8	1.1	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	1.6	0.010	1
08357	Benzo(g,h,i)perylene	191-24-2	0.97	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	0.77	0.010	1
08357	Chrysene	218-01-9	0.87	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	0.24	0.010	1
08357	Fluoranthene	206-44-0	1.6	0.010	1
08357	Fluorene	86-73-7	0.035	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	0.91	0.010	1
08357	Naphthalene	91-20-3	0.090	0.010	1
08357	Phenanthrene	85-01-8	0.80	0.010	1
08357	Pyrene	129-00-0	0.93	0.010	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	220	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	470	70	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	63.4	0.050	1

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Analysis Report

Sample Description: MW-5 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983960
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 11:35 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM5

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 16:49	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 16:49	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10140WAA026	05/27/2010 18:04	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10140WAA026	05/20/2010 13:30	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 21:44	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 21:44	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/27/2010 11:15	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:34	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-5 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983961
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 11:35 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:36	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-7 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983962
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 14:50 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	7	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	3	1	1
10903	sec-Butylbenzene	135-98-8	12	1	1
10903	tert-Butylbenzene	98-06-6	1	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	1	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	3	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	23	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	29	1	1
10903	p-Isopropyltoluene	99-87-6	9	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	2	1	1
10903	n-Propylbenzene	103-65-1	38	1	1
10903	Styrene	100-42-5	N.D.	1	1

Sample Description: MW-7 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983962
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 14:50 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	42	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	3	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	9	0.5	1
10903	o-Xylene	95-47-6	1	0.5	1
10903	Xylene (Total)	1330-20-7	10	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		ug/l	ug/l	
08357	Acenaphthene	83-32-9	0.21	0.050	1
08357	Acenaphthylene	208-96-8	N.D.	0.060	1
08357	Anthracene	120-12-7	N.D.	0.050	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.050	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.050	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.050	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.050	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.050	1
08357	Chrysene	218-01-9	N.D.	0.050	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.050	1
08357	Fluoranthene	206-44-0	N.D.	0.050	1
08357	Fluorene	86-73-7	0.62	0.050	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.050	1
08357	Naphthalene	91-20-3	3.1	0.050	1
08357	Phenanthrene	85-01-8	0.12	0.050	1
08357	Pyrene	129-00-0	N.D.	0.050	1

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

Due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	3,400	50	1

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Analysis Report

Sample Description: MW-7 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983962
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 14:50 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	1,600	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	230	72	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	85.6	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 17:12	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 17:12	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10140WAA026	05/27/2010 18:35	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10140WAA026	05/20/2010 13:30	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 22:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 22:06	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/26/2010 23:26	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:38	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-7 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983963
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 14:50 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:39	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: DUP Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983964
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	7	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	3	1	1
10903	sec-Butylbenzene	135-98-8	13	1	1
10903	tert-Butylbenzene	98-06-6	1	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	1	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	3	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	25	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	30	1	1
10903	p-Isopropyltoluene	99-87-6	10	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	2	1	1
10903	n-Propylbenzene	103-65-1	39	1	1
10903	Styrene	100-42-5	N.D.	1	1

Sample Description: DUP Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983964
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

TEKFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	44	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	3	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	9	0.5	1
10903	o-Xylene	95-47-6	1	0.5	1
10903	Xylene (Total)	1330-20-7	11	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	4,800	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	2,300	61	2
02211	HRO C24-C40 w/Si Gel	n.a.	370	140	2
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	95.9	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W101401AA	05/20/2010 17:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W101401AA	05/20/2010 17:59	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10140A20A	05/20/2010 22:27	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10140A20A	05/20/2010 22:27	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: DUP Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983964
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

TEKFD

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101420003A	05/27/2010 10:34	Melissa McDermott	2
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101420003A	05/23/2010 15:30	Olivia Arosemena	1
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:41	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: DUP Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5983965
LLI Group # 1195162
Account # 11260

Project Name: 352300

Collected: 05/17/2010 by ML

Submitted: 05/19/2010 08:50
Reported: 06/04/2010 08:28
Discard: 07/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.050	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	101406050002A	05/25/2010 09:43	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	101406050002	05/20/2010 20:00	Mirit S Shenouda	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 06/04/10 at 08:28 AM

Group Number: 1195162

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F101393AA	Sample number(s): 5983951							
Benzene	N.D.	0.5	ug/l	89		79-120		
Ethylbenzene	N.D.	0.5	ug/l	94		79-120		
Toluene	N.D.	0.5	ug/l	96		79-120		
Xylene (Total)	N.D.	0.5	ug/l	96		80-120		
Batch number: W101401AA	Sample number(s): 5983952,5983954,5983956,5983958,5983960,5983962,5983964							
Acetone	N.D.	6.	ug/l	130	163	49-234	22	30
Benzene	N.D.	0.5	ug/l	104	103	79-120	0	30
Bromobenzene	N.D.	1.	ug/l	106	103	80-120	3	30
Bromochloromethane	N.D.	1.	ug/l	107	104	80-120	4	30
Bromodichloromethane	N.D.	1.	ug/l	101	101	80-120	1	30
Bromoform	N.D.	1.	ug/l	113	113	61-120	1	30
Bromomethane	N.D.	1.	ug/l	105	102	44-120	3	30
2-Butanone	N.D.	3.	ug/l	123	136	66-151	10	30
n-Butylbenzene	N.D.	1.	ug/l	93	94	74-120	1	30
sec-Butylbenzene	N.D.	1.	ug/l	96	95	78-120	1	30
tert-Butylbenzene	N.D.	1.	ug/l	99	98	80-120	2	30
Carbon Disulfide	N.D.	1.	ug/l	92	92	62-120	0	30
Carbon Tetrachloride	N.D.	1.	ug/l	111	114	75-123	3	30
Chlorobenzene	N.D.	0.8	ug/l	105	105	80-120	1	30
Chloroethane	N.D.	1.	ug/l	95	93	49-129	2	30
Chloroform	N.D.	0.8	ug/l	100	101	77-122	1	30
Chloromethane	N.D.	1.	ug/l	107	100	60-129	7	30
2-Chlorotoluene	N.D.	1.	ug/l	103	100	80-120	3	30
4-Chlorotoluene	N.D.	1.	ug/l	104	102	80-120	2	30
1,2-Dibromo-3-chloropropane	N.D.	2.	ug/l	89	89	66-120	1	30
Dibromochloromethane	N.D.	1.	ug/l	107	106	80-120	1	30
1,2-Dibromoethane	N.D.	0.5	ug/l	101	100	80-120	1	30
Dibromomethane	N.D.	1.	ug/l	103	101	80-120	2	30
1,2-Dichlorobenzene	N.D.	1.	ug/l	106	105	80-120	2	30
1,3-Dichlorobenzene	N.D.	1.	ug/l	107	102	80-120	5	30
1,4-Dichlorobenzene	N.D.	1.	ug/l	107	105	80-120	1	30
Dichlorodifluoromethane	N.D.	2.	ug/l	75	81	54-152	7	30
1,1-Dichloroethane	N.D.	1.	ug/l	103	104	79-120	1	30
1,2-Dichloroethane	N.D.	0.5	ug/l	98	98	70-130	1	30
1,1-Dichloroethene	N.D.	0.8	ug/l	99	99	74-123	0	30
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	102	102	80-120	0	30
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	102	102	80-120	0	30
1,2-Dichloropropane	N.D.	1.	ug/l	108	107	78-120	1	30
1,3-Dichloropropane	N.D.	1.	ug/l	103	101	80-120	2	30
2,2-Dichloropropane	N.D.	1.	ug/l	99	99	77-124	0	30
1,1-Dichloropropene	N.D.	1.	ug/l	98	101	80-120	3	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	102	101	80-120	1	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	101	99	79-120	2	30
Ethylbenzene	N.D.	0.5	ug/l	102	102	79-120	0	30
Hexachlorobutadiene	N.D.	2.	ug/l	85	86	58-120	0	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1195162
Reported: 06/04/10 at 08:28 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Hexanone	N.D.	3.	ug/l	116	121	65-136	4	30
Isopropylbenzene	N.D.	1.	ug/l	103	103	77-120	0	30
p-Isopropyltoluene	N.D.	1.	ug/l	99	98	80-120	1	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92	89	76-120	4	30
4-Methyl-2-pentanone	N.D.	3.	ug/l	114	114	70-121	0	30
Methylene Chloride	N.D.	2.	ug/l	104	104	80-120	0	30
Naphthalene	N.D.	1.	ug/l	85	82	62-120	4	30
n-Propylbenzene	N.D.	1.	ug/l	100	99	80-120	2	30
Styrene	N.D.	1.	ug/l	102	101	80-120	1	30
1,1,1,2-Tetrachloroethane	N.D.	1.	ug/l	110	108	80-120	1	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	103	99	71-120	4	30
Tetrachloroethene	N.D.	0.8	ug/l	108	107	80-121	0	30
Toluene	N.D.	0.5	ug/l	103	103	79-120	0	30
1,2,3-Trichlorobenzene	N.D.	1.	ug/l	94	88	65-120	7	30
1,2,4-Trichlorobenzene	N.D.	1.	ug/l	97	92	67-120	5	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	103	105	75-127	2	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	104	103	80-120	1	30
Trichloroethene	N.D.	1.	ug/l	99	101	80-120	1	30
Trichlorofluoromethane	N.D.	2.	ug/l	100	105	64-129	5	30
1,2,3-Trichloropropane	N.D.	1.	ug/l	102	100	80-120	2	30
1,2,4-Trimethylbenzene	N.D.	1.	ug/l	98	95	74-120	4	30
1,3,5-Trimethylbenzene	N.D.	1.	ug/l	98	97	75-120	2	30
Vinyl Chloride	N.D.	1.	ug/l	112	113	59-120	1	30
m+p-Xylene	N.D.	0.5	ug/l	106	105	80-120	1	30
o-Xylene	N.D.	0.5	ug/l	104	102	80-120	2	30
Xylene (Total)	N.D.	0.5	ug/l	106	104	80-120	2	30
Batch number: 10140WAA026	Sample number(s): 5983952,5983954,5983956,5983958,5983960,5983962							
Acenaphthene	N.D.	0.010	ug/l	92	86	74-109	6	30
Acenaphthylene	N.D.	0.010	ug/l	97	89	70-110	8	30
Anthracene	N.D.	0.010	ug/l	94	87	66-111	7	30
Benzo(a)anthracene	N.D.	0.010	ug/l	93	91	72-114	3	30
Benzo(a)pyrene	N.D.	0.010	ug/l	92	88	64-115	4	30
Benzo(b)fluoranthene	N.D.	0.010	ug/l	98	88	69-123	10	30
Benzo(g,h,i)perylene	N.D.	0.010	ug/l	100	98	68-125	2	30
Benzo(k)fluoranthene	N.D.	0.010	ug/l	92	90	72-122	3	30
Chrysene	N.D.	0.010	ug/l	98	92	76-116	7	30
Dibenz(a,h)anthracene	N.D.	0.010	ug/l	92	92	71-125	0	30
Fluoranthene	N.D.	0.010	ug/l	96	97	75-116	1	30
Fluorene	N.D.	0.010	ug/l	105	99	75-114	5	30
Indeno(1,2,3-cd)pyrene	N.D.	0.010	ug/l	94	94	69-124	1	30
Naphthalene	N.D.	0.010	ug/l	95	91	72-109	5	30
Phenanthrene	N.D.	0.010	ug/l	92	88	76-111	5	30
Pyrene	N.D.	0.010	ug/l	106	107	69-118	1	30
Batch number: 10140A20A	Sample number(s): 5983951-5983952,5983954,5983956,5983958,5983960,5983962,5983964							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 101420003A	Sample number(s): 5983952,5983954,5983956,5983958,5983960,5983962,5983964							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	60	66	50-100	10	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 101406050002A	Sample number(s): 5983952-5983953,5983955-5983965							
Lead	N.D.	0.050	ug/l	101		90-115		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1195162
Reported: 06/04/10 at 08:28 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F101393AA	Sample number(s): 5983951 UNSPK: P982186								
Benzene	91	91	80-126	1	30				
Ethylbenzene	95	95	71-134	0	30				
Toluene	95	95	80-125	0	30				
Xylene (Total)	96	96	79-125	0	30				
Batch number: W101401AA	Sample number(s): 5983952,5983954,5983956,5983958,5983960,5983962,5983964 UNSPK: 5983952								
Acetone	96		52-139						
Benzene	107		80-126						
Bromobenzene	105		82-115						
Bromochloromethane	114		83-123						
Bromodichloromethane	104		78-125						
Bromoform	111		60-121						
Bromomethane	103		38-149						
2-Butanone	107		57-138						
n-Butylbenzene	92		73-128						
sec-Butylbenzene	98		79-125						
tert-Butylbenzene	101		81-121						
Carbon Disulfide	102		67-135						
Carbon Tetrachloride	122		81-138						
Chlorobenzene	107		87-124						
Chloroethane	98		51-145						
Chloroform	102		81-134						
Chloromethane	111		67-154						
2-Chlorotoluene	102		82-118						
4-Chlorotoluene	104		84-122						
1,2-Dibromo-3-chloropropane	84		66-121						
Dibromochloromethane	106		74-116						
1,2-Dibromoethane	100		77-116						
Dibromomethane	101		83-119						
1,2-Dichlorobenzene	103		84-119						
1,3-Dichlorobenzene	103		86-121						
1,4-Dichlorobenzene	103		85-121						
Dichlorodifluoromethane	97		64-163						
1,1-Dichloroethane	108		84-129						
1,2-Dichloroethane	99		66-141						
1,1-Dichloroethene	108		85-142						
cis-1,2-Dichloroethene	103		85-125						
trans-1,2-Dichloroethene	107		87-126						
1,2-Dichloropropane	111		83-124						
1,3-Dichloropropane	102		81-120						
2,2-Dichloropropane	105		81-135						
1,1-Dichloropropene	107		86-137						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Group Number: 1195162
Reported: 06/04/10 at 08:28 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
cis-1,3-Dichloropropene	101		75-125						
trans-1,3-Dichloropropene	99		74-119						
Ethylbenzene	105		71-134						
Hexachlorobutadiene	66		56-134						
2-Hexanone	108		55-127						
Isopropylbenzene	106		75-128						
p-Isopropyltoluene	99		76-123						
Methyl Tertiary Butyl Ether	89		72-126						
4-Methyl-2-pentanone	111		63-123						
Methylene Chloride	102		79-120						
Naphthalene	84		52-125						
n-Propylbenzene	102		74-134						
Styrene	103		60-140						
1,1,1,2-Tetrachloroethane	109		82-119						
1,1,2,2-Tetrachloroethane	100		73-119						
Tetrachloroethene	115		80-128						
Toluene	106		80-125						
1,2,3-Trichlorobenzene	84		57-122						
1,2,4-Trichlorobenzene	89		60-122						
1,1,1-Trichloroethane	113		80-143						
1,1,2-Trichloroethane	103		77-124						
Trichloroethene	106		88-133						
Trichlorofluoromethane	123		73-152						
1,2,3-Trichloropropane	101		76-118						
1,2,4-Trimethylbenzene	96		72-130						
1,3,5-Trimethylbenzene	99		72-131						
Vinyl Chloride	133		66-133						
m+p-Xylene	109		79-125						
o-Xylene	105		79-125						
Xylene (Total)	107		79-125						
Batch number: 10140A20A	Sample number(s): 5983951-5983952,5983954,5983956,5983958,5983960,5983962,5983964 UNSPK: 5983964								
NWTPH-Gx water C7-C12	45 (2)		57-157						
Batch number: 101406050002A	Sample number(s): 5983952-5983953,5983955-5983965 UNSPK: P984105 BKG: P984105								
Lead	100	97	75-125	3	20	0.86	0.75	14 (1)	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: UST VOCs by 8260B - Water
Batch number: F101393AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5983951	100	95	99	95
Blank	103	97	99	94
LCS	100	97	100	99

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 06/04/10 at 08:28 AM

Group Number: 1195162

Surrogate Quality Control

MS	100	97	99	97
MSD	100	98	98	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs by 8260B - Water
Batch number: W101401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5983952	100	101	96	93
5983954	99	99	95	95
5983956	100	100	95	90
5983958	100	98	96	90
5983960	99	98	95	89
5983962	100	100	100	94
5983964	100	99	101	94
Blank	98	98	96	90
LCS	99	102	98	94
LCSD	99	103	97	94
MS	99	101	97	95
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PAHs in waters by SIM
Batch number: 10140WAA026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5983952	94	82	41*
5983954	99	77	70
5983956	103	97	78
5983958	99	96	73
5983960	97	101	59
5983962	153*	84	57
Blank	98	99	94
LCS	103	104	100
LCSD	97	102	92
Limits:	64-147	68-132	53-129

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10140A20A

	Trifluorotoluene-F
5983951	89
5983952	88
5983954	87
5983956	87
5983958	89
5983960	88
5983962	139*
5983964	167*
Blank	89
LCS	117
LCSD	116
MS	180*
Limits:	63-135

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 06/04/10 at 08:28 AM

Group Number: 1195162

Surrogate Quality Control

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101420003A

	Orthoterphenyl
5983952	61
5983954	86
5983956	85
5983958	83
5983960	94
5983962	114
5983964	83
Blank	79
LCS	94
LCSD	98
Limits:	50-150

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Lancaster Laboratories

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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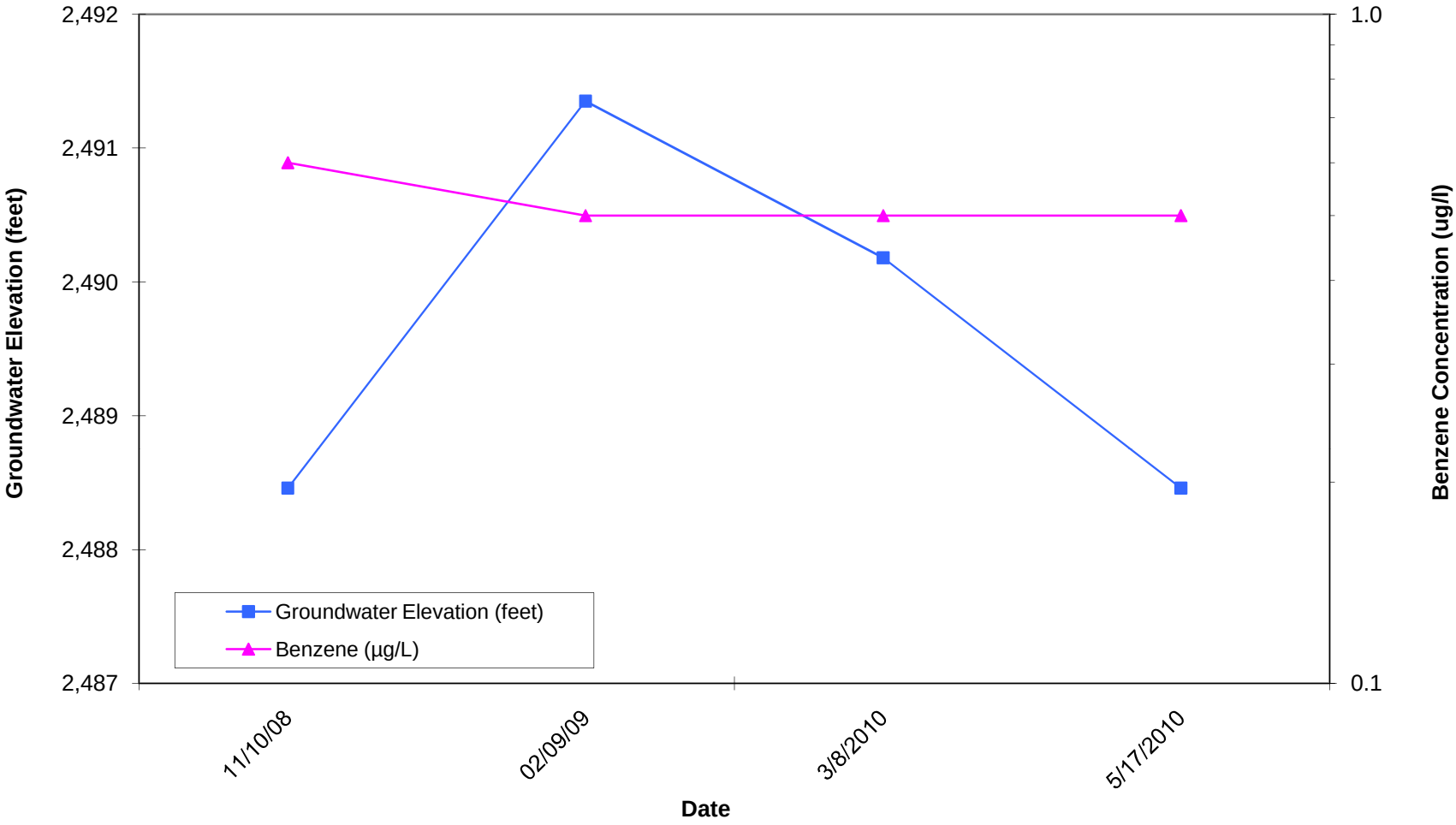
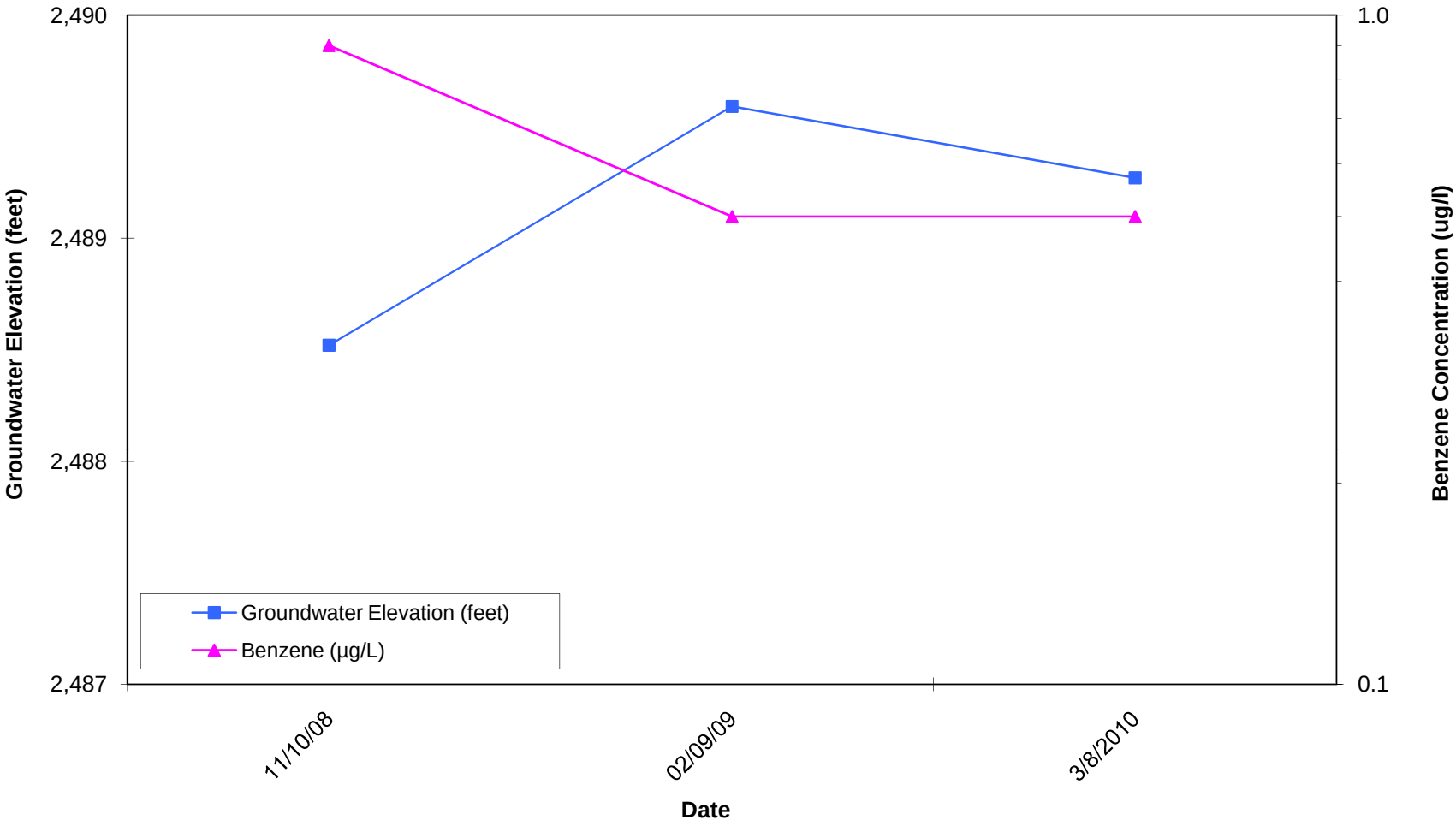
Attachment B:
Hydrographs

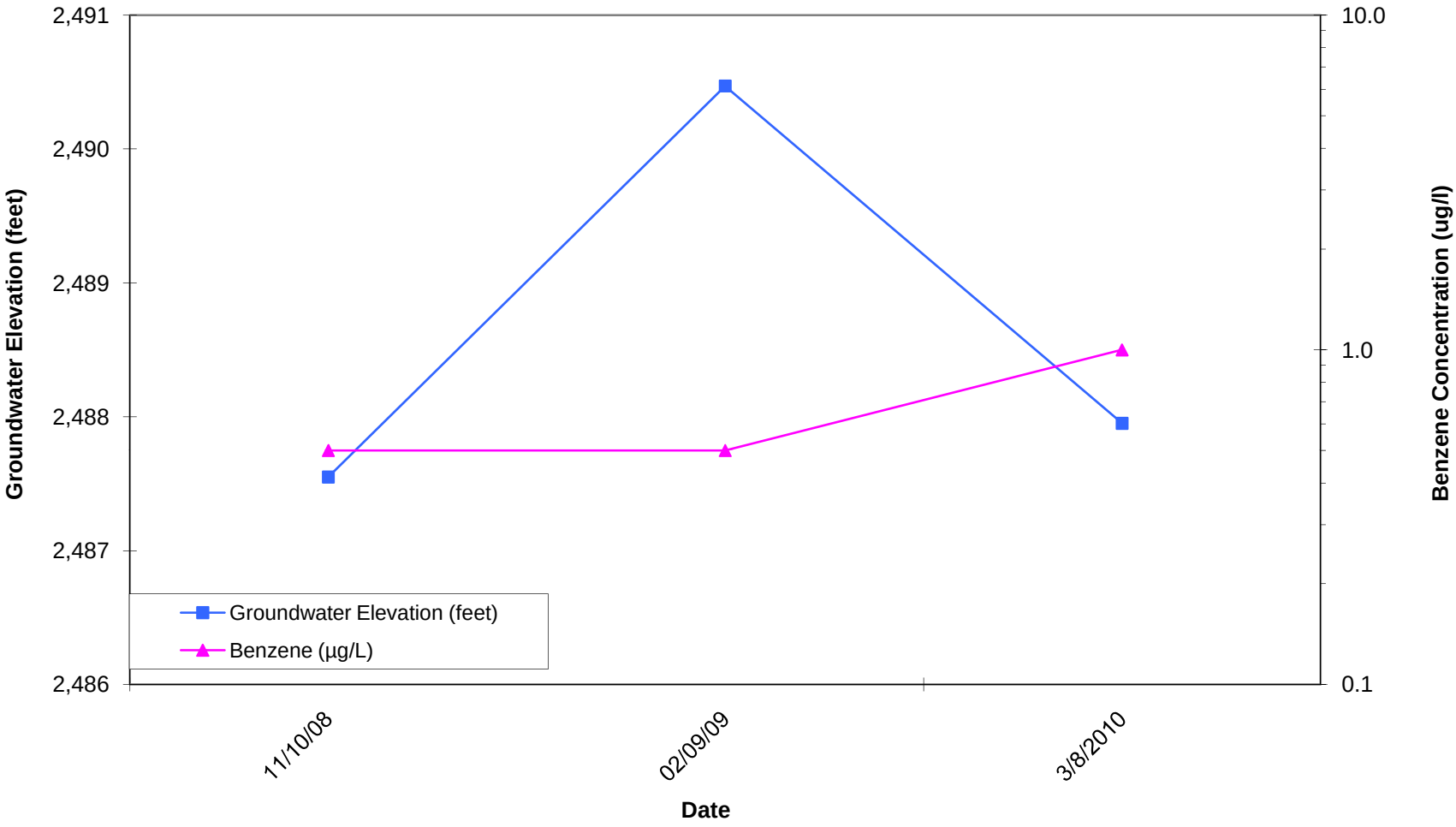
Well MW-1 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



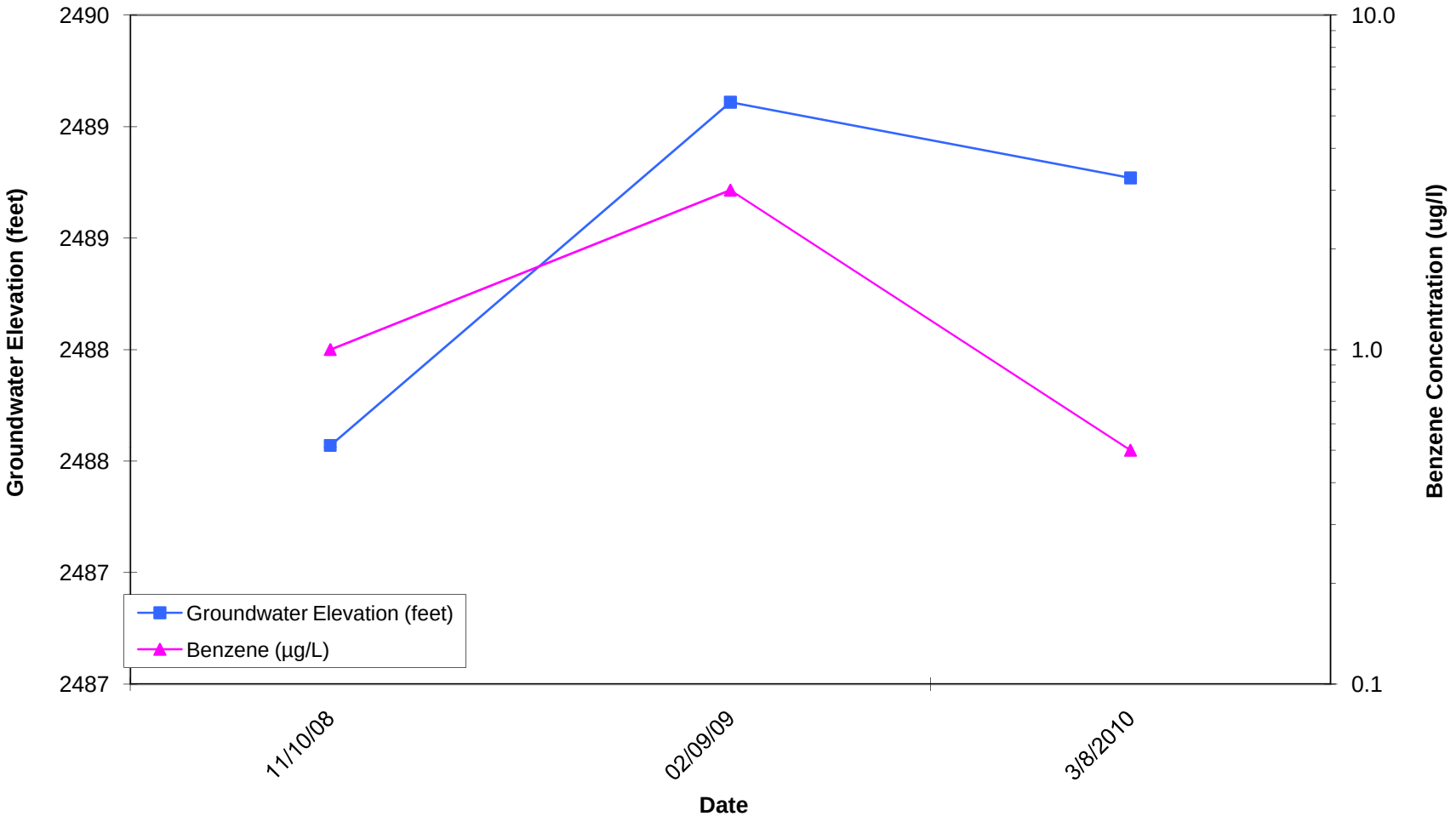
Well MW-2 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



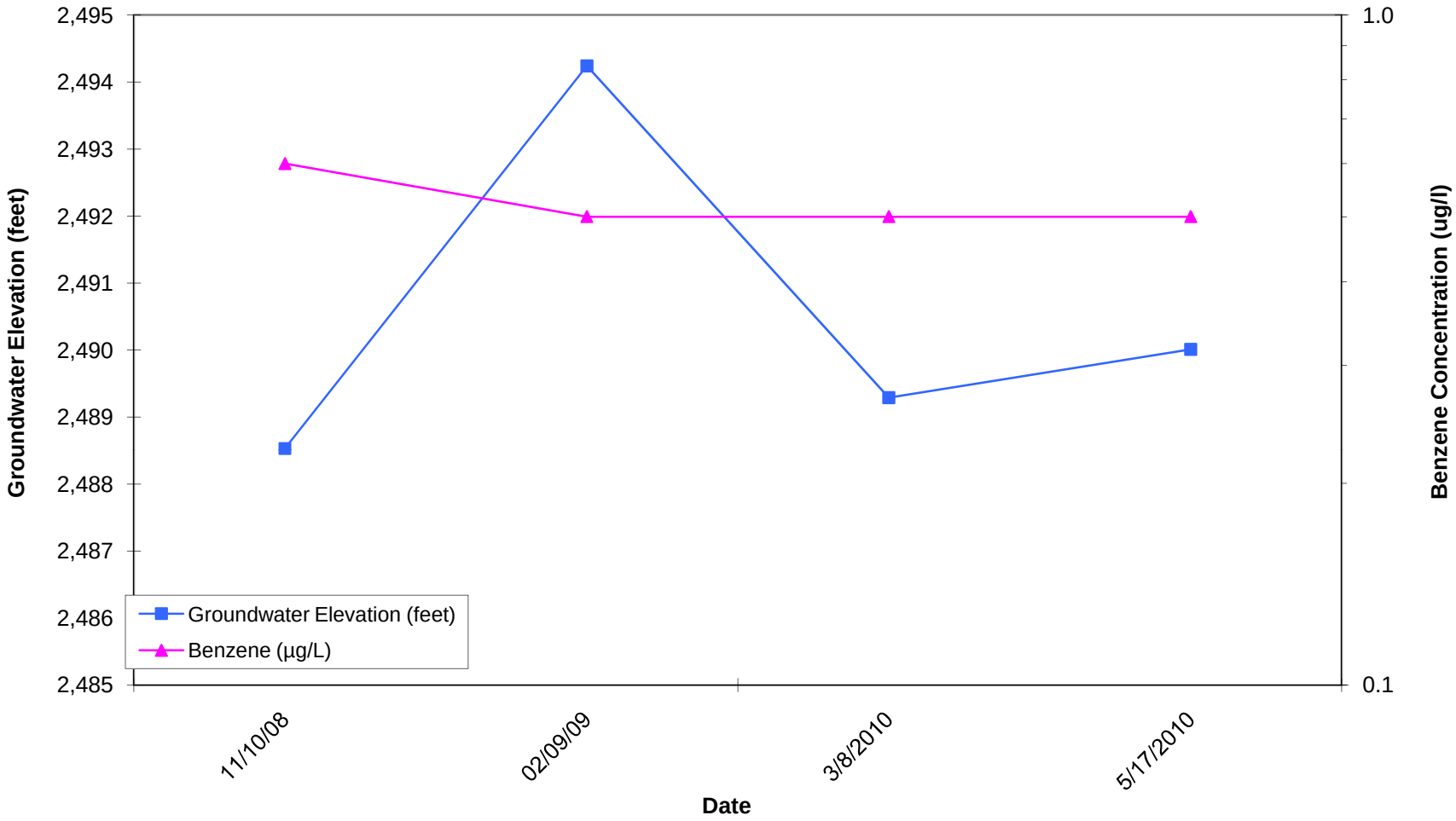
Well MW-3 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



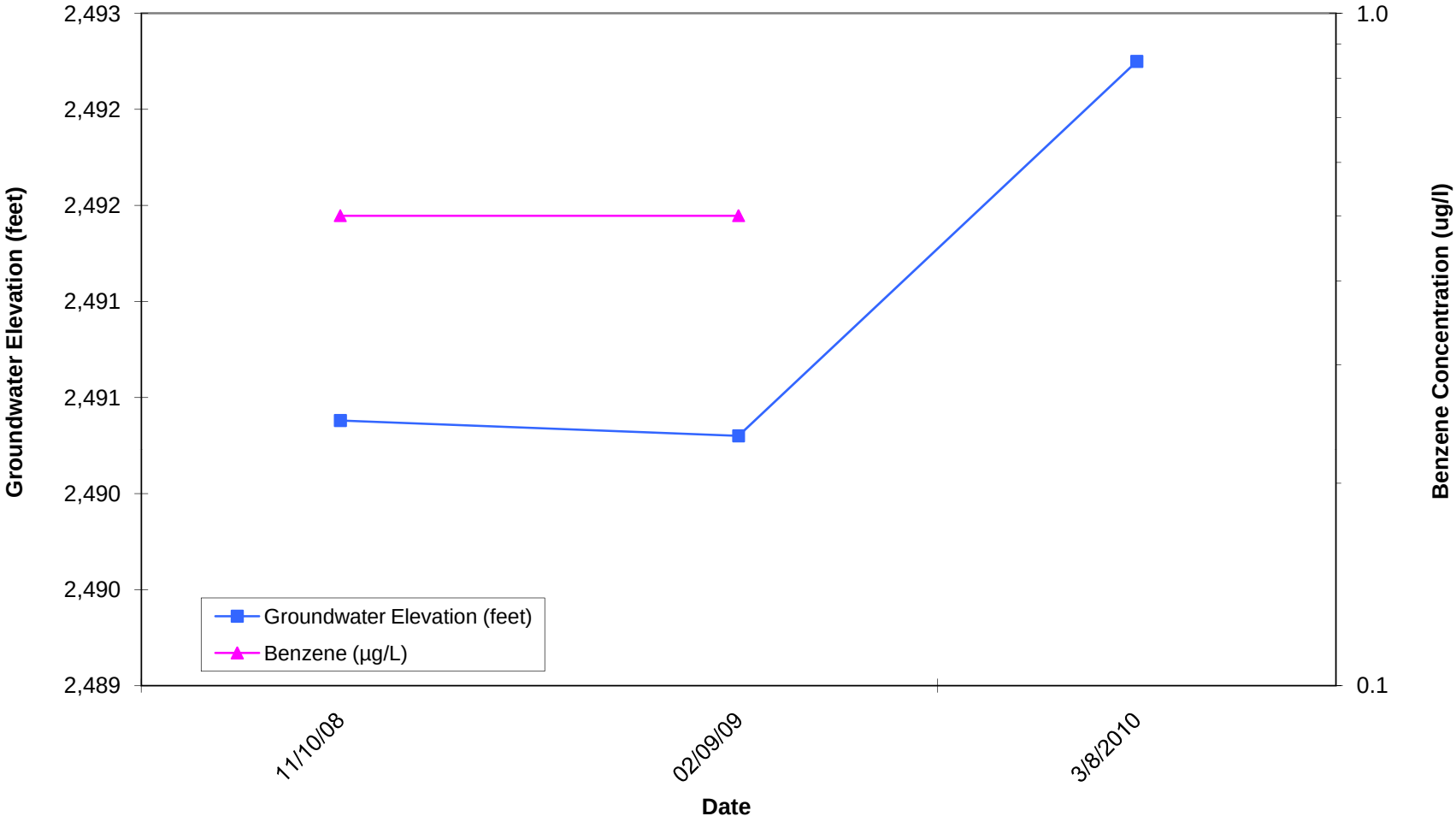
Well MW-4 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



Well MW-5 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



Well MW-6 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



Well MW-7 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington